ABSTRACT OF THE DISCLOSURE

The present invention provides a method and apparatus for delivering digital media using packetized encryption data. According to the present invention, a client computing device initiates a session with the server via a computer network and requests a digital media stream. In response, the server authenticates the users and delivers the digital media stream using one or more security processes. In one embodiment, the security process is encryption which is used during the transmission of the digital media from the server to the client. The encryption ensures that the digital stream is protected from copying. In one embodiment, a secure delivery protocol is used wherein a configurable key exchange between the client and the server occurs simultaneous with the delivery of the actual data. As part of the key exchange, encapsulated packets may be sent between the client and the server, wherein the encapsulated packet contains a header and a payload. The payload contains fragments of the actual digital media that is being used (i.e., movie, song, television program, etc.) The header contains the configurable and rolling encryption key that is sent to the client.